



FEE TRANSMITTAL
for FY 2002
(Small Entity)

Complete if Known

| | |
|------------------------|------------------|
| Application Number | 09/735,995 |
| Filing Date | 14 December 2000 |
| First Named Inventor | Mark T. KEATING |
| Examiner Name | Celine X. Qian |
| Group Art Unit | 1636 |
| Attorney Docket Number | 2323-156 |

Total Amount of Payment (\$200.00)

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge additional fees and credit any overpayment to Deposit Account Number 02-2135 in the name of Rothwell, Figg, Ernst & Manbeck
- ☒ Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☒ Applicant claims small entity status.
2. ☒ Payment Enclosed:
☒ Check
☐ Credit Card

FEE CALCULATION

1. FILING FEE

| Fee Code | Fee \$ | Fee Description | Fee Paid |
|----------|--------|------------------------|----------|
| 201 | 370 | Utility filing fee | [] |
| 206 | 165 | Design Filing Fee | [] |
| 207 | 255 | Plant Filing Fee | [] |
| 208 | 370 | Reissue Filing Fee | [] |
| 214 | 80 | Provisional Filing Fee | [] |

SUBTOTAL \$

2. CLAIMS

| Total Claims | Extra Claims | Fee \$ | Fee Paid |
|--------------------------------------|--------------|------------|----------|
| [] - 20** = [] x | | \$ 9 = [] | [] |
| Independent Claims [] - 3** = [] x | | 42 = [] | [] |
| Multiple Dependent Claims + | | 140 = [] | [] |

**or number previously paid, if greater;

SUBTOTAL \$

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Fee Code | Fee Paid | Fee Description | Fee Paid |
|----------|----------|--|----------|
| 205 | 65 | Surcharge - late filing fee or oath | [] |
| 227 | 25 | Surcharge - late provisional filing fee or cover sheet | [] |
| 139 | 130 | Non-English specification | [] |
| 147 | 2,520 | For filing a request for reexamination | [] |
| 112 | 920 | Requesting publication of SIR prior to Examiner action | [] |
| 113 | 1,840* | Requesting publication of SIR after Examiner action | [] |
| 215 | 55 | Extension for reply within first month | [] |
| 216 | 200 | Extension for reply within second month | [200.00] |
| 217 | 460 | Extension for reply within third month | [] |
| 218 | 720 | Extension for reply within fourth month | [] |
| 228 | 980 | Extension for reply within fifth month | [] |
| 219 | 160 | Notice of Appeal | [] |
| 220 | 160 | Filing a brief in support of an appeal | [] |
| 221 | 150 | Request for Oral Hearing | [] |
| 138 | 1,510 | Petition to institute a public use proceeding | [] |
| 240 | 55 | Petition to revive -unavoidable | [] |
| 241 | 640 | Petition to revive - unintentional | [] |
| 242 | 640 | Utility issue fee (or reissue) | [] |
| 243 | 230 | Design issue fee | [] |
| 244 | 310 | Plant issue fee | [] |
| 122 | 130 | Petitions to the Commissioner | [] |
| 123 | 50 | Processing fee under 37 CFR 1.17(q) | [] |
| 126 | 180 | Submission of Information Disclosure Statement | [] |
| 581 | 40 | Recording each patent assignment per property (times number of properties) | [] |
| 246 | 370 | Filing a submission after final rejection (37 CFR .129(a)) | [] |
| 249 | 370 | For each additional invention to be examined (37 CFR 1.129(b)) | [] |
| 279 | 370 | Request for Continued Examination (RCE) | [] |
| 169 | 900 | Request for expedited examination of a design application | [] |
| 195 | 300 | Publication fee for early, voluntary, or normal publication | [] |
| 196 | 300 | Publication fee for republication | [] |
| 089 | 200 | Filing an application for patent term adjustment | [] |
| 090 | 400 | Request for reinstatement of term reduced | [] |
| | | Other fee (specify) | [] |

* Reduced by Basic Filing Fee Paid

SUBTOTAL \$200.00

| | | | | |
|----------------------|-----------------------------------|------|--------------------------|-------------------------|
| SUBMITTED BY | | | Complete (if applicable) | |
| NAME AND REG. NUMBER | Michael J. Moran, Reg. No. 42,013 | | | |
| SIGNATURE | | DATE | 11/15/02 | DEPOSIT ACCOUNT USER ID |

TECH CENTER 1600/2900

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Nov 19, 02

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|---|-------------------------------|------------------|
| IN THE UNITED STATES PATENT AND TRADEMARK OFFICE | <i>Application Number</i> | 09/735,995 |
| | <i>Filing Date</i> | 14 December 2000 |
| | <i>Named Inventor</i> | Mark T. KEATING |
| | <i>Group Art Unit</i> | 1636 |
| | <i>Examiner Name</i> | Celine X. Qian |
| | <i>Attorney Docket Number</i> | 2323-156 |
| <i>Title of the Invention:</i> MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT SYNDROME GENE | | |

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AMENDMENT

NOV 19 2002

Assistant Commissioner for Patents
Washington, D.C. 20231

TECH CENTER 1600/2900

Dear Sir:

In response to the Office Action mailed 17 June 2002, please amend the above-identified application as follows.

IN THE CLAIMS:

Please cancel claims 11-18, 29 and 30 without prejudice to re-filing in one or more divisional or continuation applications.

Please amend claims 22 and 23 as found on the following pages.

Marked-up copies of the original text of the amended claims are attached to this amendment.

Material inserted is indicated by underlining and material deleted is indicated by brackets.

11/18/2002 SDENBOB1 00000031 09735995

01 FC:2252

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